Leben im Bad
Living bathrooms

DURAVIT

Pool

Operating Instructions

Contents

1. Diagrams and Pictures 7
- 1.1 Remote Control 7
- 1.2 Operator's Panel 8
- 1.3 Menu Hierarchy 8
- 1.4 Blue Moon 1400 x 1400 mm 9
- 1.5 Blue Moon 1800 x 1800 mm 10
- 1.6 Sundeck 11

2. For Your Safety 12
- 2.1 Normal Use 12
- 2.2 Safety Instructions 12

3. Description of Symbols 14

4. Product Information 14
- 4.1 Whirl circuit 14
  - Emotion Circuit 14
  - Relax Circuit 14
  - Power Circuit 15
- 4.2 Whirl Programmes 15
  - Energize 15
  - Balance 15
  - Revive 15
  - Regeneration 15
  - Fitness 16
- 4.3 Coloured light 16
  - Colours 16
  - Colour programmes 16
- 4.4 Sound (optional, only for Blue Moon 1800 x 1800 mm and Sundeck) 17
- 4.5 Hygiene and Temperature Circuit 17
- 4.6 Changing the water 17
- 4.7 Shutdown Modes 18
  - ECO-mode 18
  - Standby-mode 18
- 4.8 Integrated Filling (optional, only for Blue Moon 1800 x 1800 mm and Sundeck) 18
- 4.9 Insulating floating sheet (optional) 18
- 4.10 Pool covers (optional for Blue Moon) 18
- 4.11 Tarpaulin (optional) 19

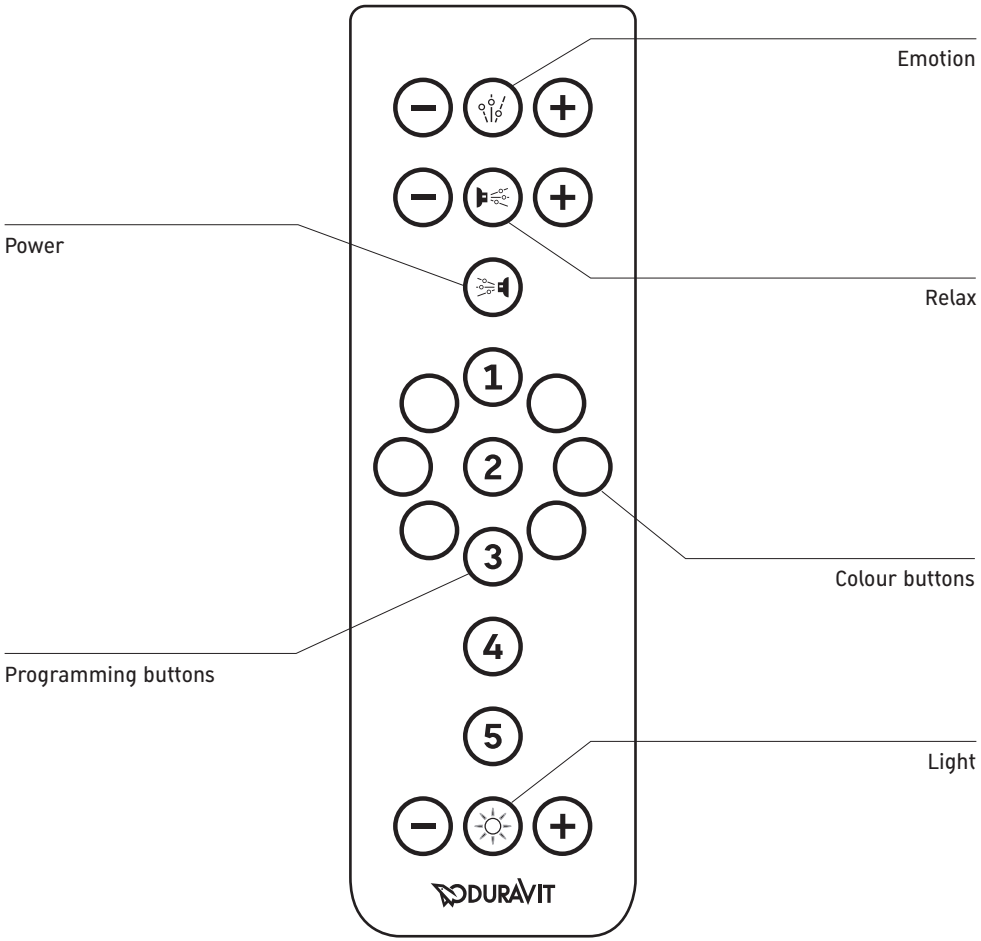
5. First Start-up of the Pool 19
Step 1: Charge remote control 19
Step 2: Prepare filter 19
Step 3: Configure operator's panel 20
Step 4: Fill pool 21
Step 5: Safeguard the water-quality 21
6. Basics of operation 21
6.1 Buttons and their functions 22
Remote Control 22
Operator's Panel 22
7. Operation 22
7.1 Emotion Circuit 22
to switch on, to change the stream and to switch off 22
to change desired intensity 23
7.2 Relax Circuit 23
to switch on, to change the stream and to switch off 23
to change desired intensity 23
7.3 Power Circuit 23
to switch on, to change the stream and to switch off 23
to change intensity 24
7.4 Whirl Programmes 24
to switch on 24
to switch off 24
7.5 Light 25
to switch off 25
to switch white light on or off 25
to switch colour on or off 25
to switch on colour programme 25
to alter the brightness 25
To alter the speed of the change in colour or the pulsing 25
7.6 Sound (optional, only for Blue Moon 1800 x 1800 mm and Sundeck) 26
7.7 Charging the remote control 26
7.8 Start Integrated Filling
(optional, only for Blue Moon 1800 x 1800 mm and Sundeck) 26
7.9 Empty pool 27
Blue Moon 1400 x 1400 mm and Sundeck 27
Blue Moon 1800 x 1800 mm and Sundeck 27
8. Changing settings 27
8.1 Changing / activating / deactivating the PIN 27

8.2 Changing Water Temperature 28
Changing the Bath Water Temperature 28
ECO-mode Temperature 28
Changing the Standby-mode Temperature 28
8.3 Change loop time for water changing 29
8.4 Changing the language 29
8.5 Changing the time 30
8.6 Changing the units 30
8.7 Resetting the settings 30
9. Shutting Down the Pool 31
9.1 Duration of shut down: 2 days to 2 weeks 31
Activating ECO-mode 31
Deactivating ECO-mode 32
9.2 Duration of shut down: 2-4 weeks 32
Activating Standby-mode 32
Deactivating Standby-mode 32
9.3 Duration of shut down: A number of months 33
Starting up the Pool again 33
10. Cleaning and Maintenance 33
10.1 Dirt-absorbing sponge 33
10.2 Coarse filter insert 34
10.3 Acrylic 34
Cleaning 34
Damage 34
10.4 Stainless Steel 34
10.5 Remote Control 35
10.6 Charging Station 35
10.7 Operator's Panel 35
10.8 Optional Extras 35
Wooden liners, decorative teak (Blue Moon) 35
Bath cushions/Privacy/Relaxing deck (Sundeck) 35
Tarpaulin 36
Retainer for pool cover (Blue Moon) 36
Foot Rest (Blue Moon) 36
11. Water Treatment 36
11.1 Information on water treatment 36
Why water treatment is important 36
Water treatment products 38
How often should the water be treated? 38

How should the water be treated? 39
11.2 Regulate pH value 39
11.3 Disinfect water 39
11.4 Inhibit algae development 40
11.5 Change the filter 40
Blue Moon 1400 x 1400 mm and Sundeck 40
Blue Moon 1800 x 1800 mm 41
11.6 Add tap water 42
11.7 Clean pool 42
12. Disposal 43
13. Troubleshooting support 43
14. Maintenance 47
15. Technical Data 47
15.1 Identification Plate 47
15.2 Whirlpool 47
15.3 Remote Control 48
15.4 Automatic shut-down time 48
15.5 Charging Station 48
15.6 Optional Extras 48
Liner (Blue Moon) 48
Pool cover (Blue Moon) 48
Retainer for pool cover (Blue Moon) 48
Privacy/Relaxing deck (Sundeck) 49
Tarpaulin 49
Foot Rest (Blue Moon) 49
16. Removing the Bath panel 50
16.1 Blue Moon 1400 x 1400 mm 50
With EasyClick 50
Without EasyClick 50
16.2 Sundeck 51

1. Diagrams and Pictures

1.1 Remote Control



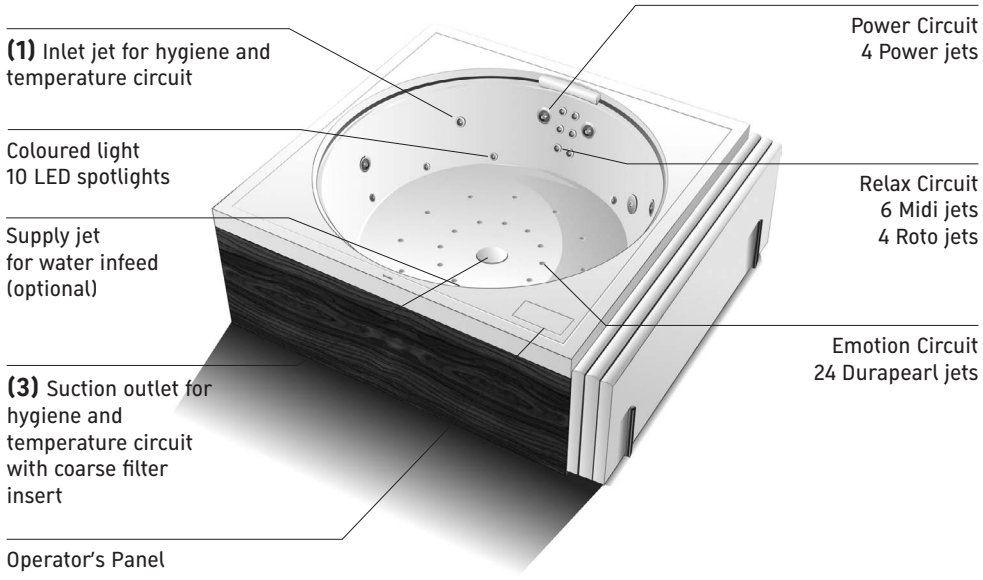
1.2 Operator's Panel

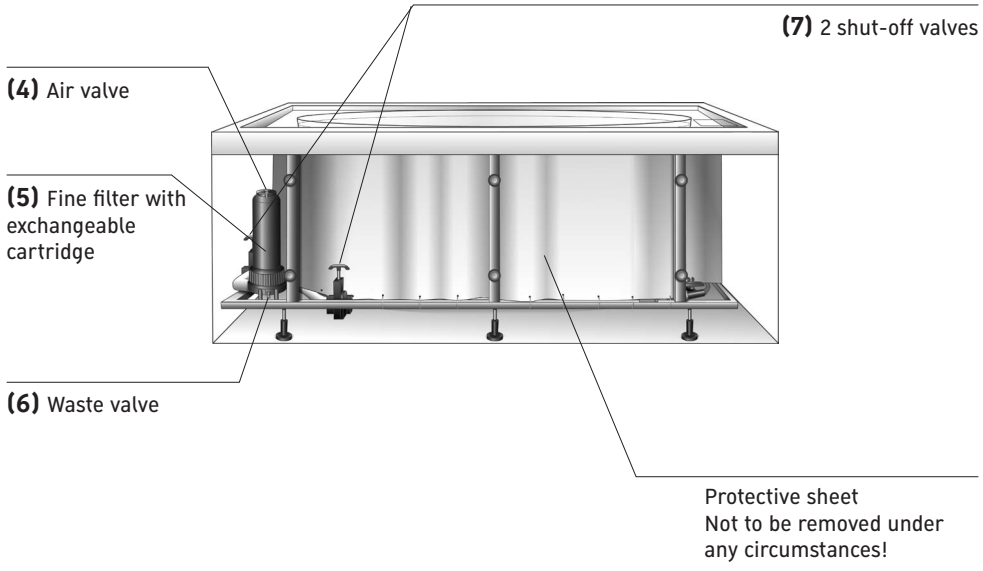
1.3 Menu Hierarchy

- Emotion
- Relax
- Light
- Sound*
- Power
- Settings
  - PIN (optional)
    - Water
      - Temperature
      - Standby temperature
      - Hygiene
      - Filling*
      - Emptying
      - Back
    - Time
    - Units
    - Language
    - Change PIN
    - Default settings
    - Service
    - Version
    - Back
- Back

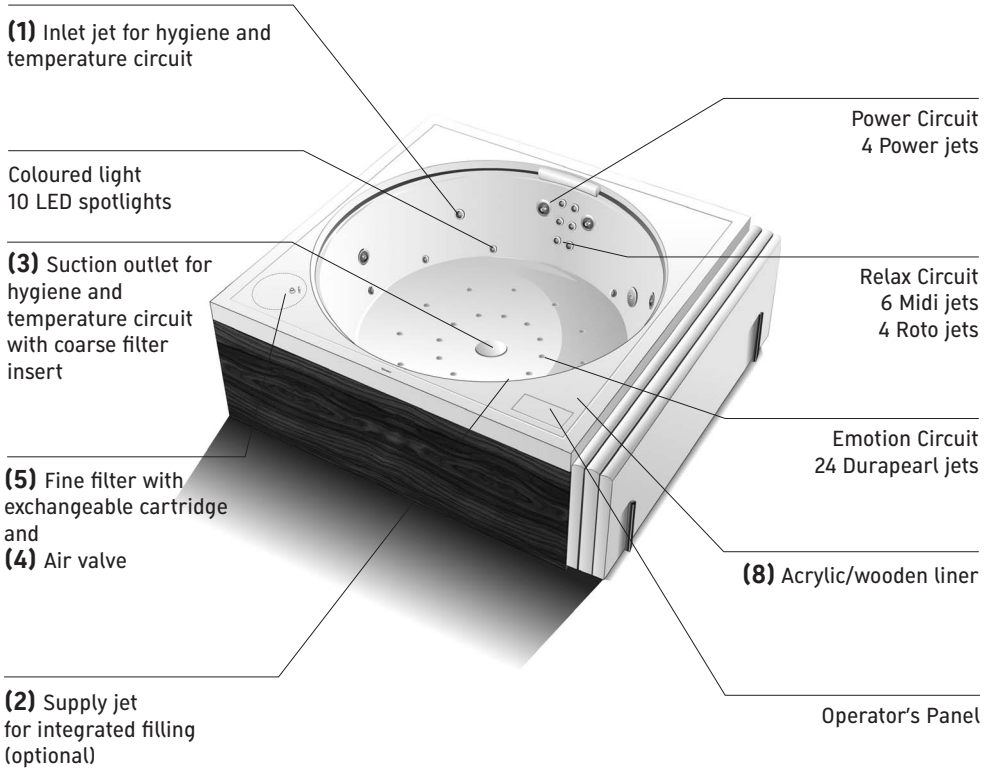
*optional, only for Blue Moon 1800 x 1800 mm and Sundeck

1.4 Blue Moon 1400 x 1400 mm

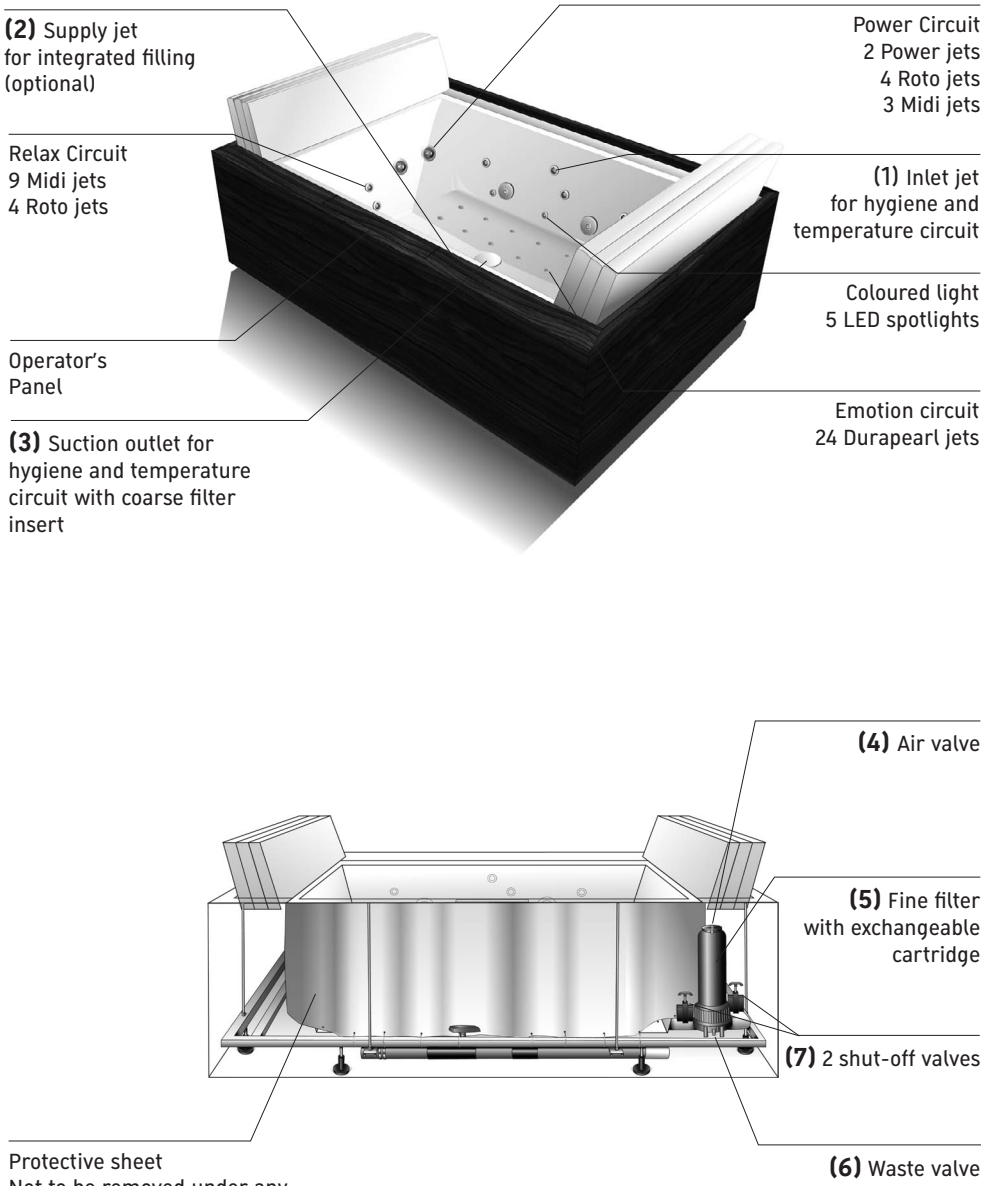

(1) Inlet jet for hygiene and temperature circuit
Coloured light 10 LED spotlights
Supply jet for water infeed (optional)
(3) Suction outlet for hygiene and temperature circuit with coarse filter insert
Operator's Panel
Power Circuit 4 Power jets
Relax Circuit 6 Midi jets 4 Roto jets
Emotion Circuit 24 Durapearl jets


(7) 2 shut-off valves
(4) Air valve
(5) Fine filter with exchangeable cartridge
(6) Waste valve
Protective sheet
Not to be removed under any circumstances!

1.5 Blue Moon 1800 x 1800 mm


(1) Inlet jet for hygiene and temperature circuit
Coloured light
10 LED spotlights
(3) Suction outlet for hygiene and temperature circuit with coarse filter insert
(5) Fine filter with exchangeable cartridge and
(4) Air valve
(2) Supply jet for integrated filling (optional)
Power Circuit
4 Power jets
Relax Circuit
6 Midi jets
4 Roto jets
Emotion Circuit
24 Durapearl jets
(8) Acrylic/wooden liner
Operator's Panel

1.6 Sundeck


(2) Supply jet for integrated filling (optional)
Relax Circuit
9 Midi jets
4 Roto jets
Operator's Panel
(3) Suction outlet for hygiene and temperature circuit with coarse filter insert
Power Circuit
2 Power jets
4 Roto jets
3 Midi jets
(1) Inlet jet for hygiene and temperature circuit
Coloured light
5 LED spotlights
Emotion circuit
24 Durapearl jets
(4) Air valve
(5) Fine filter with exchangeable cartridge
(7) 2 shut-off valves
Protective sheet
Not to be removed under any circumstances!
(6) Waste valve

2. For Your Safety

To ensure that you'll have many years of pleasure from your pool, please read these operating instructions carefully, particularly the safety instructions.
Keep them in a safe place and in the case of a change in ownership, please ensure they are given to the new owner.

2.1 Normal Use

The pool is to be used exclusively on private property, in a hotel room, in a residential home or other similar situations and is not intended for use in a public area.
It is to be used solely for bathing. Any other usage will be deemed as not corresponding with normal usage. DURAVIT AG assumes no liability for abnormal usage.

2.2 Safety Instructions

Please read and comply with the following safety instructions!

Remove any electrical equipment in the immediate vicinity.

- Satisfy yourself that there are no electrical devices in the immediate vicinity of the pool (protection area 0-2, see fig.).

Never shut the suction outlet and/or inlet **jet.** Risk of scalding. **The pool system can also be damaged.**

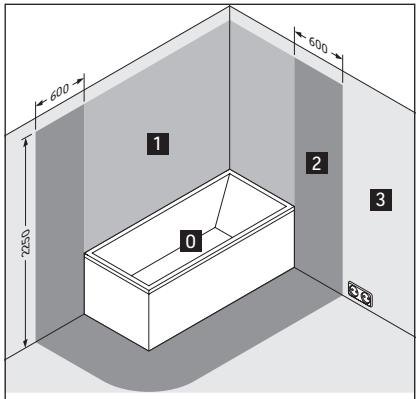
- Make sure that the suction outlet (3) and inlet jet (1) are free and unobstructed.

This product is designed to be used only by adults.

- Children, elderly or weak people or people with disabilities should only use the pool when supervised.

Safeguard the water-quality.

- Take a shower before using the pool.
- Check the water quality regularly in accordance with the steps listed in chapter "Water Treatment".



Protection areas 0-2

Bathe only when in good health.

- Do not use the pool if you have symptoms of influenza, a common cold or an infectious disease.
- Consult your doctor before using the pool if you suffer from high or low blood pressure, tendency to bleeding, cardiac or vascular illness, acute illnesses or infections, circulation problems, diabetes or if you are pregnant.
- If taking medication, consult a doctor before using the steam bath.
- Do not use the pool while under the influence of drugs or alcohol.
- Do not use the steam bath immediately after strenuous physical exercise.

Do not set the pool water temperature too high, and do not remain in the pool too long.

- Pool water temperature should not exceed 40 °C/104 °F for adults and should be between 36-38 °C/100-97 °F for children.
- Danger of hyperthermia (overheating the body). You must leave the pool immediately at the first signs of hyperthermia. Prolonged bathing in hot water can lead to hyperthermia, a condition where the normal body temperature of about 37 °C/99 °F is exceeded by several degrees. Possible consequences are feeling uncomfortably hot, tired or lethargic, unwillingness to leave the pool, unconsciousness and danger of drowning.

Always check that the pool is not damaged before use.

- Check the suction outlet cover and the LED spotlights. If they are damaged (cracks, broken corners, water in the LED spotlights, etc.), the pool must not be used.
- Blue Moon 1400 x 1400 mm and Sundeck: Under no circumstances should you ever remove the white protective sheet that is attached under the covering. This should only be removed by trained personnel, for example our service contractors.
- Blue Moon 1800 x 1800 mm: The protective sheet must not be removed.

Damage to the pool from water with high calcium content.

- Fill the pool only with tap water with a water hardness < 2.4 mmol/l, which corresponds to < 14° dH or < 24° f.

Damage to the surface of the charging stand by weather conditions.

- Store the charging stand and remote control indoors.

3. Description of Symbols

The following warning signs warn you of dangerous situations and their severity:

⚠ Danger!	High risk, lethal hazards, severe injuries
⚠ Warning!	Medium risk, severe injuries
⚠ Caution!	Low risk, minor injuries
Note!	Damage to property

The following symbols are used:

i	Hints and tips are provided here.
>	This is a prompt requesting your input.
@	further information for you on the Internet.

4. Product Information

4.1 Whirl circuit

Emotion Circuit

Select a bubbling air/water jet, preheated air or a fine water jet, which is then fed into the bath via Durapearl jets in the floor of the bath. If air is being mixed with the water then the intensity of the air stream can be varied.

Relax Circuit

6 Midi and 4 Roto jets (plus 3 other Midi jets in the side panels with Sundeck) are driven from a single pump. The intensity can be varied continuously from the remote control. The massaging effect can be boosted by the addition of air and switched off automatically by an interval timer.

Power Circuit

In Blue Moon pools 4 large Power jets work to produce a very strong massage effect. In Sundeck pools 2 large Power jets and an additional 4 Roto and 3 Midi jets in the side panels form the Power Flow. During bathing the intensity of the Power jets can be adjusted by turning the jets . The massaging effect can be boosted by the addition of air and switched off automatically by an interval timer.

4.2 Whirl Programmes

Coloured light programmes individually matched to the various whirl circuits create an idyllic atmosphere. You can select a programme that is appropriate to your personal mood. Each whirl programme lasts 16 minutes.

Energize

In conjunction with the “coloured flush” programme, you’ll enjoy being re-invigorated by the gushing flow of water. This combination of light and massage will impart new energy to you.

Balance

Together with the “Rainbow” programme’s coloured light and sparkling water and air mixture you can restore a perfectly balanced sense of well being.

Revive

This programme is particularly suited to the morning hours. The combination of the “Sundawn” programme and a slow, steady increase in the intensity of the massage will revive your body.

Regeneration

This whirl program is co-ordinated with “Sunset” program. It starts with a vigorous massage and winds down with a smooth spray jet of water from the floor of the bath.

5 Fitness

The “pulsed light” program combines a colourful mix of the different circuits. This programme illustrates the variety of different circuits.

4.3 Coloured light

Various colours, white light and predefined coloured light programmes can be selected and the intensity of all colours is dimmable. The loop times of the colour progressions can be adjusted in coloured light programmes 1, 2 and 5.

Colours

- Yellow stimulating, liberating
- Red stimulating, warming, vitalising
- Violet soothing, regenerating, inspiring
- Blue calming, soothing
- Turquoise vitalising, invigorating
- Green relieving, calming, stabilising

Colour programmes

- 1: Coloured flush
  changing light from a six coloured hard colour progression:
  white – blue – turquoise – green – yellow – red – violet – white - ...
  The loop time can be varied between 5 and 22 seconds.
- 2: Rainbow
  changing light from a six coloured soft colour progression:
  white – blue – turquoise – green – yellow – red – violet – white - ...
  The loop time can be varied between 5 and 22 seconds.
- 3: Sundawn
  a 15 minute simulation of the lighting characteristics during daybreak.
- 4: Sunset
  a 15 minute simulation of the lighting characteristics during Sunset.
- 5: Pulsed colours
  pulses of a selected colour with a variable loop time.

4.4 Sound (optional, only for Blue Moon 1800 x 1800 mm and Sundeck)

The sound system ensures fidelity and enjoyment above and under water. You can connect your music player and listen to your favourite music via Bluetooth.

4.5 Hygiene and Temperature Circuit

The Hygiene and Temperature Circuit maintains the continuous stirring and recirculation of the water and ensures that the water is always safe and kept constantly at the normal temperature. The coarse and fine filters, heater and ozone (O3) generator are all located in the circular flow.
An O3 generator is a standard feature, designed for basic disinfection. The ozone (O3) it produces from ultraviolet radiation is blended with the water flowing in the Hygiene and Temperature-Circuit before that water enters the bath. Ozone is a highly effective disinfectant. With its three oxygen atoms it is more active than diatomic oxygen. If ozone comes into contact with material that has been coated with water then it gives off one oxygen atom which causes algae, bacteria, body oils or other impurities to be oxidised. The only waste product from ozone is oxygen that is re-absorbed into the atmosphere.
Note! As ozone decays very quickly it is used only as a basic disinfectant and must be supplemented with other disinfectants. An additional disinfection using the products recommended in the chapter “Water Treatment” is essential. However the amount of additional disinfectant required is reduced considerably.
A very small amount of ozone is used for water treatment and this constitutes no risk for the environment.

4.6 Changing the water

Changing the water ensures that the water in all of the circuits and pipes is remixed regularly. To do this all of the units are switched on twice daily for one minute.
You can set the times of these water changing cycles individually. Whenever the temperatures approach freezing point, water changing is repeatedly and automatically carried out to ensure the water pipes do not freeze.

4.7 Shutdown Modes

i Water quality must also be monitored during shutdown modes.

ECO-mode
In ECO-mode the bath water is maintained at 2 C below the normal temperature in order to save energy. When you activate ECO mode with a timer (ECO timer), the ECO-mode will be automatically deactivated and the water heated to the bathing temperature. Heating to the normal water temperature requires one to two hours, depending on the ambient temperature. Only one ECO-mode loop with timer is permitted during any 24 hour period.

Standby-mode
This is an energy saving mode. It is recommended for when the pool will not be used for two to four weeks and helps to keep the energy costs as low as possible. Longer durations should not be covered in this way, as water quality could potentially be reduced by microbial contamination.

4.8 Integrated Filling (optional, only for Blue Moon 1800 x 1800 mm and Sundeck)

If you have ordered the "Integrated Filling" option, then you can fill the pool simply by pressing a button. As soon as you activate this function your pool's water drain will close automatically and the pool will be filled via the supply jet (2).

4.9 Insulating floating sheet (optional)

Besides providing thermal insulation, the insulating floating sheet protects against dirt and evaporation of the water.

4.10 Pool covers (optional for Blue Moon)

When the pool is not in use, use pool covers to reduce the pool's energy consumption and evaporation of the water.

4.11 Tarpaulin (optional)

We recommend the use of a tarpaulin when the pool is not in use. This protects the pool against dirt and damage. Only use the tarpaulin if you have also fitted the pool covers,

5. First Start-up of the Pool

Carry out each of these steps individually in order to start-up the pool correctly and as quickly as possible. The diagrams referred to are collected together in the chapter "Diagrams and Pictures".

Step 1: Charge remote control
> Place the remote control on the charging station.
The "Emotion" button blinks, the battery is being charged.
When the battery is fully charged the "Emotion" button will be permanently illuminated.

Step 2: Prepare filter
- **Blue Moon 1400 x 1400 mm and Sundeck:**
  > Open the air bleed valve (4).
  > Place a bowl under the waste valve (6).
  > Open the waste valve (6), the water runs out of the filter.
  > Turn the upper part of the fine filter (5) and open the filter.
  > Remove the exchangeable cartridge from its packing and place it in the fine filter (5).
  > Close the fine filter (5).
  > Close the emptying valve (6).
  > Close the air bleed valve (4).
- **Blue Moon 1800 x 1800 mm:**
  > Remove the acrylic/wooden liner (8).
  > Remove the white cover on top of the fine filter (5).
  > Open the air bleed valve (4) on the lid of the fine filter (5).
  > Pull the tab up, twist open the threaded element of the fine filter (5) and remove it.
  > Remove the lid together with the air bleed valve.
  > Remove the exchangeable cartridge from its packing and place it in the fine filter (5).

> Close the fine filter (5).
> Close the air bleed valve (4).

Step 3: Configure operator's panel
> Switch on the main switch.
A list of languages is displayed on the panel.

Select language
> Press the "Off" button until the required language is marked.
> Press the "OK" button to activate the language.
"Time h" is displayed on the operator's panel.

Set the time
> Press the "Off" or "On" buttons until the current hour is displayed.
> Press the "OK" button to set the hour.
"Time m" is displayed on the operator's panel.
> Press the "Off" or "On" buttons until the current minute is displayed.
> Press the "OK" button to confirm the time.
"Units" is displayed on the operator's panel.

Set units
> Press the "Off" or "On" buttons until the correct unit is displayed.
> Press the "OK" button to confirm the units.
"Nominal" is displayed on the operator's panel.

Adjusting the nominal temperature
> Press the "Off" or "On" buttons until the desired value is displayed.
> Press the "OK" button to confirm the value.
"PIN-request" is displayed on the operator's panel - the first digit flashes.

Setting the PIN
The Settings menu and the ECO/Standby-mode can be protected by activating the PIN function. If you do not want to do this, you can deactivate it by selecting "0000" as the PIN.

> Press the "Off" or "On" buttons until the required digit is displayed.
> Press the "OK" button to confirm the digit.
The next digit flashes on the operator's panel.
> Repeat this procedure until all four digits of the PIN have been changed.

The operator's panel is now configured. The actual and nominal temperatures are displayed on the operator's panel.

Step 4: Fill pool
> Only Blue Moon 1400 x 1400 mm and Sundeck: Turn the red grips of the two shut off valves (7) through 90° and pull them upwards.
The shut off valves are now open.
> Fill the pool with tap-water (water temperature <40 °C; water hardness < 2.4 mmol/l) until the water level is about 50 mm above the uppermost jet.
> Wait until the pool is completely filled.
When it is completely filled the water changing cycle starts for one minute and "Water Changing Activated" appears on the operator's panel.
> Wait for another three minutes until the Hygiene and Temperature Circuit starts automatically.
The "Hygiene" button lights up.
> Open the air bleed valve (4) until water escapes then close it immediately.
Dependent on water volume and surrounding temperature the water will be warmed at the rate of 1-5 K per hour.

Step 5: Safeguard the water-quality
Check the water quality in accordance with the steps listed in chapter "Water Treatment".
> Repeat your water quality check as soon as the water has reached the normal temperature that has been set.

The pool is now configured and ready, you can enjoy your first bath!

6. Basics of operation

The pool is operated from the remote control. Settings are altered via the operator's panel.
If the remote control has disappeared or the batteries are empty then basic functions can also be switched on or off from the operator's panel.

6.1 Buttons and their functions

Remote Control
- To turn on a function, press the corresponding button.
  The button lights up blue.
- To switch off a function, hold the activated button pressed for two seconds.

i If there is a remote control in radio range, the house symbol appears on the operator's panel display. If you move outside of the radio range, then all of the buttons light up briefly.

Operator's Panel
- Deactivate all functions using the "Off" button.
- To call up the menu, press the "OK" button.
- Move between menu items with the "up" and "down" buttons.
  A menu step is marked when a square to its right blinks.
- In order to select the marked menu item, press the "OK" button.
- To call up the ECO menu, press the "ECO" button.

7. Operation

7.1 Emotion Circuit

to switch on, to change the stream and to switch off

> Press the "Emotion" button.
  Air / water stream is activated.
> Press the "Emotion" button a second time.
  Air stream is activated.
> Press the "Emotion" button a third time.
  Water stream is activated.
> Press the "Emotion" button a fourth time.
  Emotion circuit is switched off.

i Remote control is empty or you can't find it? The Emotion circuit can be turned on or off at the operator's panel:
  > Press the "OK" button to call up the menu.
  > Select Emotion.
    Massage with sparkling water/air mixture is switched on or off.

to change desired intensity

The desired intensity can only be changed on functions with air stream.
> Press the "+" or "-" button.

7.2 Relax Circuit

to switch on, to change the stream and to switch off

> Press the "Relax" button.
  Water stream is activated.
> Press the "Relax" button a second time.
  Air / water stream is activated.
> Press the "Relax" button a third time.
  Timed air / water stream is activated.
> Press the "Relax" button a fourth time.
  Relax circuit is switched off.

i Remote control is empty or you can't find it? The Relax circuit can be turned on or off at the operator's panel:
  > Select Relax.
    Massage with water/air mixture is switched on or off.

to change desired intensity

> Press the "-" or "+" buttons until the desired intensity of the water stream is set.

7.3 Power Circuit

to switch on, to change the stream and to switch off

> Press the "Power" button.
  Water stream is activated.
> Press the "Power" button a second time.
  Air / water stream is activated.

> Press the “Power” button a third time.
  Timed air / water stream is activated.
> Press the “Power” button a fourth time.
  Power circuit is switched off.

i Remote control is empty or you can’t find it? The Power circuit can be turned on or off at the operator’s panel:
> Press the “OK” button to call up the menu.
> Select Power.
  Massage with air/water stream is switched on or off.

to change intensity
The intensity can only be changed with Power jets (not with Roto or Midi jets).

Note! Damage to the unit due to closed Power jets.
> At least one jet must always be left open.
> Turn the jet inserts on the Power jets to the left to increase the intensity, and to the right to decrease the intensity.

7.4 Whirl Programmes

to switch on
> Press the required programme button “1-5” twice.
  The whirl programme is switched on.

to switch off
> Press the activated programme button continuously for two seconds.
  The whirl programme (including coloured lights) is switched off.

7.5 Light

to switch off
> Press the “Light” button to switch off the coloured lights or the coloured light programme.

to switch white light on or off
> Press the “Light” button.
  White light is switched on or off.

to switch colour on or off
> Press the required colour button.
  Solid colour is switched on or off.

to switch on colour programme
> For colour programme 5: First press the required colour button.
> Press the required programme button “1–5”.
  Colour programme is switched on.

i Remote control is empty or you can’t find it? A “Rainbow” colour programme can be turned on or off at the operator’s panel:
  > Press the “OK” button to call up the menu.
  > Select Light.
    The “Rainbow” colour programme is switched on or off.

to alter the brightness
> Press the “-” or “+” button in order to alter the brightness of the six coloured and the white lights. The lighting strength decreases or increases.

To alter the speed of the change in colour or the pulsing
Prerequisite: Colour programme 1, 2 or 5 is activated. The speed or the pulsing can only be altered for these colour programmes.
> Press the “+” or “-” button.

7.6 Sound (optional, only for Blue Moon 1800 x 1800 mm and Sundeck)

Prerequisite: Bluetooth-capable audio source with A2DP protocol.
> Press the “OK” button to call up the menu.
> Select Sound.
Bluetooth mode is activated.
> Activate the Bluetooth mode on your audio source as described in its operating instructions.
> Search for the “Duravit” Bluetooth device and establish a connection to it.
> Enter the activation code: “2412”.
> Select music and adjust the volume on your audio source.

7.7 Charging the remote control

> Place the remote control on the charging station.
The “Emotion” button blinks, the battery is being charged.
When the battery is fully charged the “Emotion” button will be permanently illuminated.

i Is the remote control not responding?
If the remote control is located out of radio range, it reverts to the energy saver mode in order to extend the life of the battery. The remote control must then be reactivated:
> Place the remote control on the charging station.
After 2 seconds, the “Emotion” button lights up. The remote control is now active again. As soon as the remote control in radio range, the house symbol appears on the operator’s panel display.

i The remote control still does not respond?
> For further causes, see chapter “Help in Case of Problems”.

7.8 Start Integrated Filling (optional, only for Blue Moon 1800 x 1800 mm and Sundeck)

> Press the “OK” button to call up the menu.
> Select settings > Water > Filling.
> Press the “OK” button.
Filling of the pool is started and a check mark appears next to Filling.
Filling stops automatically as soon as the pool is filled.

7.9 Empty pool

Blue Moon 1400 x 1400 mm and Sundeck
> Open the bath panels (see chapter “Removing the Covering”).
> Select settings > water > emptying.
> Press the “OK” button.
Emptying of the pool is started and a check mark appears next to Emptying.
When the pool is completely empty, the blowing procedure begins after about five minutes.
> Place a bowl under the waste valve (6).
> Open the waste valve (6), the water runs out of the filter.
> Wait until the blowing process is finished (about two minutes) and an additional five minutes until the drain closes automatically.
“Emptying in Process” goes out on the operator’s panel.
> Close the emptying valve (6).
> Switch off the pool at the mains switch, in order to disconnect the pool from the mains.

Blue Moon 1800 x 1800 mm and Sundeck
> Press the “OK” button to call up the menu.
> Select settings > water > emptying.
> Press the “OK” button.
Emptying of the pool is started and a check mark appears next to Emptying.
When the pool is completely empty, the blowing procedure begins after about five minutes.
> Wait until the blowing process is finished (about two minutes) and an additional five minutes until the drain closes automatically.
“Emptying in Process” goes out on the operator’s panel.
> Switch off the pool at the mains switch, in order to disconnect the pool from the mains.

8. Changing settings

8.1 Changing / activating / deactivating the PIN

The Settings menu and the ECO/Standby-mode can be protected by activating the PIN function. If you do not want to do this, you can deactivate it by selecting “0000” as the PIN.

> Press the “OK” button to call up the menu.
> Select settings > change PIN.
“PIN-request” is displayed on the operator’s panel.
> Press the “Off” or “On” buttons until the required digit is displayed.
> Press the “OK” button to confirm the digit.
The next digit flashes on the operator’s panel.
> Repeat this procedure until all four digits of the PIN have been changed.
The set PIN is stored; the PIN is requested when the Settings menu and the ECO menu are selected.

8.2 Changing Water Temperature

Changing the Bath Water Temperature
> Press the “OK” button to call up the menu.
> Select Settings > Water > Temperature.
> Press the “Off” or “On” buttons until the required temperature is displayed.
> Press the “OK” button.
The temperature selected is stored and you are returned to the Water sub-menu.

ECO-mode Temperature
The ECO-mode temperature can not be changed. It is pre-defined at 2 K lower than the temperature of the bath water, which can be changed.

Changing the Standby-mode Temperature
The temperature can be set between 15-25 °C/59-77 °F.
> Press the “OK” button to call up the menu.
> Select **Settings** > **Water** > **Standby Temperature**.
> Press the “Off” or “On” buttons until the required Standby-mode temperature is displayed.
> Press the “OK” button.
The temperature selected is stored, you are returned to the Water sub-menu.

8.3 Change loop time for water changing

⚠ Caution! Deactivating the water changing can lead to contaminated water. When water changing is deactivated there is no blending of water in the pipes. The O3 generator is also switched off. This may lead to deposits in the pipes.
> Do NOT select “Off” as the loop time.

The loop time is pre-defined to 8:00 and 20:00. If you wish to change it, please note the following:
- The time of loop 1 must be before the time of cycle 2.
- There must be at least 8 hours difference between the times of loop 1 and 2.

Example:
- Time of loop 1 = 7:00
- Time of loop 2 = 16:00
- Time of loop 1 takes place before time of loop 2.
There is a 9 hour difference (>8 hours) between loops 1 and 2.

> Press the “OK” button to call up the menu.
> Select settings > Water > Water Changing.
“Loop 1” is displayed on the operator’s panel
> Press the “Off” or “On” buttons in order to set the loop 1 time.
> Press the “OK” button.
“Loop 2” is displayed on the operator’s panel
> Press the “Off” or “On” buttons in order to set the loop 2 time.
> Press the “OK” button.
The loop times have been changed and you are now in the Water sub-menu.

8.4 Changing the language

> Press the “OK” button to call up the menu.
> Settings > Language.
> Press the “Off” button until the required language is marked.
> Press the “OK” button.
The language is activated and you are returned to the Settings sub-menu.

i Selected the wrong language and you can’t navigate to the Language menu?
> Press “Off” and “OK” simultaneously.

You are now in the Language menu.
> Select the desired language.
> Press the “OK” button.
The desired language is activated.

8.5 Changing the time

> Press the “OK” button to call up the menu.
> Select Settings > Time.
“Time h” is displayed on the operator’s panel.
> Press the “Off” or “On” buttons until the required hour is displayed.
> Press the “OK” button.
“Time m” is displayed on the operator’s panel.
> Press the “Off” or “On” buttons until the minute required is displayed.
> Press the “OK” button.
The time is changed and you are returned to the Settings sub-menu.

8.6 Changing the units

> Press the “OK” button to call up the menu.
> Select Settings > Units.
> Press the “Off” or “On” buttons until the units required is displayed.
> Press the “OK” button.
The units is changed and you are returned to the Settings sub-menu.

8.7 Resetting the settings

> Press the “OK” button to call up the menu.
> Select Settings > Default (factory settings).
“Default” is displayed on the operator’s panel.
> Press the “OK” button.
All the settings for the pool are reset to their factory defaults and the pool must be configured again from the start (see chapter “First Start-up of the Pool”).

9. Shutting Down the Pool

Dependent on whether you are not going to use the pool for days, weeks or months at a time, there are different pool modes to cater optimally for energy consumption.

9.1 Duration of shut down: 2 days to 2 weeks

ECO-mode: water temperature is lowered by 2 K.

Activating ECO-mode

⚠ Danger!
Potential health risk due to insufficient care of the water!
> Monitor the water quality during ECO-mode as well.

... without timer
> Press the “ECO” button.
Select from the menu.
> Select ECO.
The “ECO” button is illuminated, ECO-mode is activated. “ECO” is displayed on the operator’s panel.
> Allow the dirt-absorbing sponge and floating sheet to float on the surface of the water.
> Place the bath cushions around the pool and collapse the privacy/relaxing deck.
> Pull the tarpaulin over the pool and the cushions/privacy/relaxing deck.

... with timer
The ECO timer can only be switched on for the next 24 hours.
> Press the “ECO” button.
> Select ECO-timer.
“Turn on-time” is displayed on the operator’s panel.
> Press the “Off” or “On” buttons until the required time is displayed.
> Press the “OK” button.
The “ECO” button flashes, the ECO timer is activated. The message “ECO” appears on the operator’s panel with the turn on-time of the bathing mode.
> Allow the dirt-absorbing sponge and floating sheet to float on the surface of the water.
> Place the bath cushions around the pool and collapse the privacy/relaxing deck.
> Pull the tarpaulin over the pool and the cushions/privacy/relaxing deck.

Deactivating ECO-mode
At least one to two hours before you want to bathe!
> Press the “ECO” button.
  Select from the menu.
  Select ECO or ECO timer.
  The “ECO” button goes out and the water is warmed to bathing temperature.
> Check and adjust the water quality without fail before each use of the pool as this can easily have deteriorated during the weeks that the pool was not in use.

9.2 Duration of shut down: 2-4 weeks

Standby-mode: The water temperature is reduced to the Standby-mode temperature.

Activating Standby-mode

⚠ Danger!
Potential health risk due to insufficient care of the water!
> Monitor the water quality during Standby-mode as well.

> Press the “ECO” button.
> Select Standby.
  The “ECO” button is illuminated, Standby-mode is activated. “Standby” is displayed on the operator’s panel, together with the temperature.
> Allow the dirt-absorbing sponge provided and the floating sheet to float on the surface of the water.
> Place the bath cushions around the pool and collapse the privacy/relaxing deck.
> Pull the tarpaulin over the pool and the cushions/privacy/relaxing deck.

Deactivating Standby-mode
At least 8 hours before you want to bathe!
> Press the “ECO” button.
> Select Standby.
  The “ECO” button goes out and the water is warmed to bathing temperature.
> Check and adjust the water quality without fail before each use of the pool as this can easily have deteriorated during the weeks that the pool was not in use.

9.3 Duration of shut down: A number of months

The diagrams referred to are collected together in the chapter “Diagrams and Pictures”.
> Empty the pool (see “Empty pool” in the chapter “Operation”).
> Switch off the pool at the mains switch, in order to disconnect the pool from the mains and ensure the switch cannot be switched on unauthorised.
> Open the fine filter (5).
> Remove the exchangeable cartridge and dispose of it (microbial contamination!).
> Clean out the fine filter housing with a damp cloth and re-close it (without a new cartridge).
> Clean the coarse filter insert (3).
> Place the bath cushions around the pool and collapse the privacy/relaxing deck.
> Pull the tarpaulin over the pool and the cushions/privacy/relaxing deck.

Starting up the Pool again
Follow steps 1-2 and 4-5 as described in chapter “First Start-up of the Pool”. The operator’s panel does not need to be configured again from the start.

10. Cleaning and Maintenance

⚠ Caution!
Detergents can unknowingly affect the hygiene balance of the water.
> Please ensure that detergents do not end up in the pool bathing water.

Note!
Damage to the surfaces and the whirl system due to wrong detergents!
> Never use abrasive, aggressive or chemical cleaning agents.

10.1 Dirt-absorbing sponge

The dirt-absorbing sponge gathers 40 times its own weight in oils and reduces the load on the filter system.
> Allow the dirt-absorbing sponge to float on the surface of the water.
> Wash the sponge regularly.
> Replace the sponge at least once a year (Order no. 7900951).

10.2 Coarse filter insert

Clean the coarse filter insert after every bath, but at least once every two weeks.
> Press the “Hygiene” button on the operator’s panel to stop the hygiene and temperature circuit (starts again automatically after one hour).
The “Hygiene” button flashes.
> Take off the cover of the suction outlet (3) in the centre of the bath.
> Remove the cylindrical coarse filter insert plus any dirt.
> Remove the dirt.
> Clean the coarse filter insert, replace it and then replace the suction outlet cover (3).
> Press the “Hygiene” button on the operator’s panel.
The “Hygiene” button lights up, the hygiene and temperature circuit starts.

10.3 Acrylic

Cleaning
> Clean acrylic with a soft, damp cloth. particularly the surfaces under the liner (Blue Moon) or the overflow channel (Sundeck).
> Use the Duravit Maintenance Set for Acrylic Surfaces for the occasional thorough cleaning and for removing stubborn spots.
> Remove extensive soiling with warm water and a liquid detergent, dish washer liquid or soap suds.

Damage
> Remove scratches and surface damage with the Duravit Acrylic Surface Maintenance and Repair Set.

10.4 Stainless Steel

Note!
- Do not use metal items to remove scaling.
- When using cleaning sponges ensure that the scrubbing side does not contain metal particles.

> Clean scaling from stainless steel parts immediately.
> Clean stainless steel with detergents that DO NOT contain either hydrochloric acid or chloride.
> Rinse off deposited materials with normal water and remove stubborn chloride deposits manually.

10.5 Remote Control

> Clean the remote control with a soft, damp cloth.

10.6 Charging Station

⚠ Danger!
Danger of electric shock from electrical equipment.
> Disconnect the charging station from the mains before cleaning.

> Remove the cover from the charging station.
> Clean the chrome-plated station with a soft, damp cloth.

10.7 Operator’s Panel

> Clean the operator’s panel with a soft, damp cloth.

10.8 Optional Extras

Wooden liners, decorative teak (Blue Moon)
> Clean the liners with normal commercial plastic cleaner and a clean, soft cloth.

Bath cushions/Privacy/Relaxing deck (Sundeck)
Note!
- Under no circumstances should thinners be used. This will damage the material.
- Do not use strong detergents containing ketone, such as nail varnish remover.

> Clean the bath cushions/privacy/relaxing deck with a clean, soft, damp cloth.

> Remove stubborn dirt with a little washing up liquid.
> Remove more stubborn stains with alcohol or benzene.

Tarpaulin
Note!
- Do not use detergents containing solvents or are strongly alkaline.

> Rinse the surface dirt off with water.
> Dry with a cloth or allow to dry in the air.
> Store away the tarpaulin only when it is absolutely clean and dry.

Retainer for pool cover (Blue Moon)
> Clean the retainers with hot water and a soft sponge or a soft brush and mild liquid cleaner that does not contain abrasives.
> Remove lime scale with an acidic detergent that contains approx. 10% citric or acetic acid.
> Mop with clean water and rub the retainers dry with a clean cloth.

Foot Rest (Blue Moon)
> Clean the foot rest with a clean, soft, damp cloth.
> Remove extensive staining by rubbing with a wet scouring sponge and scouring detergent.

11. Water Treatment

11.1 Information on water treatment

Why water treatment is important
The bathing water is alive and is exposed daily to the most varied of contaminants. It is unavoidable that organic and inorganic particles get transferred to the water from the bather him or herself, from nature or from the environment. Particularly in warm whirlpool water this can very soon lead to bacterial and algae growth if the regular monitoring and treatment of the water is not carried out.
The following steps should be followed for chemical water treatment.

- Regulate the pH value
  The pH value is an indication of the acidity or alkalinity of the water. Ideally the value should be between 7.0 and 7.4.
  Water hardness and temperature lead to variations in the pH value and therefore it is necessary to regularly check and regulate the pH value. Acidic water (< 7.0) can cause metal corrosion whereas alkaline water can lead to skin or eye irritation. In addition a raised pH value reduces the effectivity of the disinfectant.
- **Disinfect the water**
  The ideal living conditions for micro-organisms prevail in water. Only a few are really pathogenic but these constitute an infection risk for you, nevertheless an unsightly bio film can develop on your pool. In order to maintain the water in a safe, clean and hygienic condition it is necessary to kill these germs.
  The pool is already fitted with an O3 generator as standard and this handles the basic disinfection. This is usually sufficient but only so long as no organic material is introduced by the bather or the environment. Thus, additionally a chemical water disinfection is unavoidable.
- **Prevent algae** (particularly outdoors)
  Current disinfectants are not really sufficient, particularly outdoors, to prevent algae formation over a long period of time. Timely treatment of the bathing water with products that inhibit algae build up should therefore be considered.
  A low percentage of algae prevention medium should always be available in association with outdoor usage.
- Change the filter
  In order to extend the use of a filter cartridge to the maximum it is important that you shower before bathing. Sebaceous matter, dandruff and particularly creams (sun cream, body lotion etc) all combine to ensure that the filter cartridge must be replaced after a very short time.
  Always keep one or two filter cartridges on hand:
  For Blue Moon 1400 x 1400 mm and Sundeck Order no. 790582 00 0 00 0000
  For Blue Moon 1800 x 1800 mm Order no. 790598 00 0 00 0000
- **Add tap water**
  Addition of water is necessary to replace that lost by evaporation and helps to preserve the freshness of the pool water.
- **Clean the pool**
  A prerequisite for hygienic, problem free water is naturally the maintenance and cleaning of the whole system. The frequency of the basic cleaning is dependent on the location and the usage profile.

@ Learn online about the special water treatment for whirlpools: http://www.bayrol.com/en/products-pool-water-treatment/water-disinfection-for-spas/index.html

Water treatment products
Only use the recommended Bayrol products intended for use in whirlpools and always
follow the manufacturer's instructions.
@ A list of distributors is available from the Duravit Customer Hotline
(phone: +49 (0)180 5332343).

Use of unsuitable water treatment products could damage your system! If you cannot obtain the recommended BAYROL product visit an expert swimming pool dealer and ask for advice about a comparable product. When using alternatives, ensure that they are intended for use in a whirlpool. Never use water treatment products that contain sulphate. In addition, the product selected must be suitable for use in conjunction with the following materials:

- Acrylic
- PVC
- Stainless Steel
- HPL (High pressure Laminates)

How often should the water be treated?
How often you will need to treat the water is dependent on a collection of different factors such as location of the system, number of bathers, bathing frequency, water temperature, soiling due to leaves, pollen, insects, etc. Thus you will need to determine the optimal rhythm and check this when any of the above factors changes.

> To start with, carry out steps 1-5 every 3-5 days. After one to two months you should have found your optimal rhythm.
> Carry out thorough cleaning of the pool at least three to four times per year. Always clean the pool when it is emptied and refilled or if the water becomes cloudy due to your disinfection measures and the pH value cannot be set within the recommended boundaries.

How should the water be treated?
Note!

- Do not add water care products simultaneously, but one by one.

> Add the water care products.
> Activate all whirl circuits for 2-3 minutes to mix the water thoroughly.

11.2 Regulate pH value

Note!

- After a new filling the pH value will rise rapidly during the first days. Check and set the pH value correspondingly more frequently.
- If you would like to bathe during this day, perform a check and regulate the pH value after bathing.

> Measure the pH value using BAYROL QuickTest strips and regulate it according to the manufacturer's instructions:

measured value:	
> 7-4	> Use BAYROL pH-minus in accordance with the manufacturer's instructions.
< 7-0	> Use BAYROL pH-plus in accordance with the manufacturer's instructions.
7-0-7-4	The water has an ideal pH value.

11.3 Disinfect water

⚠ Caution!
Too high a level of disinfectant (chloride, active oxygen, etc.) can lead to irritation of the skin, lungs and eyes. Corrosion of metals can also occur.

- Take care to ensure that the amount of disinfectant used is always within the boundaries defined.
- If you would like to bathe during this day, check and add disinfectant as necessary after bathing.

Chloride tablets that are added directly into the water can cause damage to acrylic.

- Never put disinfectant tablets directly into the bathing water.
- Always use a suitable dosing unit, available from good swimming pool suppliers, to dissolve the tablets.

- Dissolve the granules in a separate container before adding.

Prerequisite: The pH value has been regulated.
> Use the BAYROL water disinfection products based on chloride and active oxygen in accordance with the manufacturer's instructions.
> Remove any surface contaminants such as leaves immediately as these encourage the development of algae and microbial contamination of the water.

11.4 Inhibit algae development

Note! Air inclusions may cause damage to the whirl system.
- Only use foam free algae inhibitors.

> Add BAYROL Desalgin Jet to the bathing water in accordance with the manufacturer's instructions.
> Remove any surface contaminants such as leaves immediately as these encourage the development of algae and microbial contamination of the water.

11.5 Change the filter.

Note!
- After a one-off increase in the number of bathers or if you forget to cover the pool if it is outdoors then inspect the filter earlier and change as necessary.
- The pool must only ever be used when the exchangeable cartridge is in place and must never be used without a cartridge.

Blue Moon 1400 x 1400 mm and Sundeck
The diagrams referred to are collected together in the chapter "Diagrams and Pictures".
> Press the "Hygiene" button on the operator's panel to stop the hygiene and temperature circuit (starts again automatically after one hour).
The "Hygiene" button flashes.
> Open the bath panels (see chapter "Removing the Covering").
> Push the red grips of the two shut off valves (7) downwards and turn them through 90°.
The shut off valves are now closed.
> Open the air bleed valve (4).
> Place a bowl under the waste valve (6).

> Open the waste valve (6), the water runs out of the filter.
> Turn the upper part of the fine filter (5) and take out the exchangeable cartridge.
> Clean fine filter housing (5) with a damp cloth.
> Insert a new exchangeable cartridge (Order no. 790582 00 0 00 0000).
> Close the fine filter (5).
> Close the emptying valve (6).
> Close the air bleed valve (4).
> Turn the red grips of the two shut off valves (7) through 90° and pull them upwards.
The shut off valves are now open.
> Press the "Hygiene" button on the operator's panel.
The "Hygiene" button lights up, the hygiene and temperature circuit starts.
> Open the air bleed valve (4) until water escapes then close it immediately.
> Empty the basin.
> Close the panel.

Blue Moon 1800 x 1800 mm
The diagrams referred to are collected together in the chapter "Diagrams and Pictures".
> Press the "Hygiene" button on the operator's panel to stop the hygiene and temperature circuit (starts again automatically after one hour).
The "Hygiene" button flashes.
> Remove the acrylic/wooden liner (8).
> Remove the white cover on top of the fine filter (5).
> Open the air bleed valve (4) on the lid of the fine filter.
> Pull the tab up, twist open the threaded element of the fine filter (5) and remove it.
> Remove the lid together with the air bleed valve.
> Remove the fine filter cartridge.
> Clean fine filter housing (5) with a damp cloth.
> Insert a new exchangeable cartridge (Order no. 790598 00 0 00 0000).
> Open the air bleed valve (4).
> Close the fine filter (5).
> Close the air bleed valve (4).
> Press the "Hygiene" button on the operator's panel.
The "Hygiene" button lights up, the hygiene and temperature circuit starts.
> Open the air bleed valve (4) until water escapes then close it immediately.

11.6 Add tap water

> Fill the pool with tap-water (water temperature <40 °C; water hardness < 2.4 mmol/l) until the water level is about 50 mm above the uppermost jet.
"Water Level Too Low" goes out on the operator's panel.

11.7 Clean pool

⚠ CAUTION! Chlorine bleach irritates the skin.
> Observe the safety instructions on the disinfectant.
> Do NOT bathe in the pool while disinfecting it.
> Empty and refill the pool when finished.

The diagrams referred to are collected together in the chapter "Diagrams and Pictures".
> Ensure that the room is well-ventilated during the disinfection process.
> Add the chlorine bleach to the water in accordance with the manufacturer's instructions.
> Activate all whirl circuits (duration according to instructions on the package insert).
> Empty the pool (see "Empty pool" in the chapter "Operation").
> Spray a stream of water into the jets of the whirl flows in order to rinse the disinfectant from the pipes.
> Wait until the message "Emptying in Process" goes out on the operator's panel.
> Change the fine filter (5).
> Clean the coarse filter insert (3).
> Fill the pool with tap-water (water temperature <40 °C; water hardness < 2.4 mmol/l) until the water level is about 50 mm above the uppermost jet.
> Wait until the pool is completely filled. When it is completely filled the water changing cycle starts for one minute.
"Water change active" appears on the operator's panel.
> Wait for three minutes until the Hygiene and Temperature Circuit starts automatically.
The "Hygiene" button lights up.
> Open the air bleed valve (4) until water escapes then close it immediately.
> Check your normal temperature and let the pool warm up.

12. Disposal

Dispose of packaging in an environmentally-sound manner.
The pool must be disposed of in an orderly, environmentally-friendly manner according the standard regulations that apply in your local area. Electronic components must be recycled. Please consult the recycling point in your area.

13. Troubleshooting support

⚠ **Danger!**
If a problem cannot be solved quickly then the water temperature or quality can no longer be guaranteed.
> Take the pool out of use.
> Make the pool winter proof (see chapter "Shutting Down the Pool")

⚠ **CAUTION!**
> The pool may be repaired only by qualified plumbers and electricians.

Problem	Potential cause	Solution	see page
"ECO" button illuminated.	ECO or Standby-mode is activated.		31
"ECO" button flashes.	ECO timer is active.		31
"Hygiene" button flashes.	Hygiene and Temperature Circuit stopped manually.	> Press the "Hygiene" button. The "Hygiene" button lights up, the hygiene and temperature circuit starts.	
	"Water Level Too Low" is also displayed.	> Refill the water until the water level is about 50 mm above the uppermost jet.	
A continuous acoustic signal sounds.	Heating defective.	> Call Customer Service.	

Problem	Potential cause	Solution	see page
Foaming	Soap, shampoo or wrong / too much cleaning / care agent in the bathwater.	> Empty pool, clean and refill.	
Sound volume cannot be changed	Data not compatible	> Check whether the audio source supports the A2DP protocol.	
Whirl system does not start.	Mains switch switched off.	> Switch on at mains.	
	Mains fuse is switched off.	> Switch on mains fuse.	
	Earth leakage current protection tripped.	> Check whether the earth leakage current protection is tripped.	
	Otherwise:	> Call Customer Service.	
Remote control does not respond.	Battery drained.	> Recharge the remote control for at least 3 hours.	26
	Remote control has dropped into energy saver mode.	After having been stored outside of radio range, the remote control needs to be reactivated: > Place the remote control on the charging station. After 2 seconds, the “Emotion” button lights up.	26
	Remote control is outside of reception range.	> Move closer to the pool.	
	Charging station defective.	> Check the electrical connection. > Place the remote control on the charging station. > If the “Emotion” button is blinking or permanently illuminated, the charging unit is fully operational. > If the button is neither blinking nor permanently illuminated, please call Customer Service.	

Problem	Potential cause	Solution	see page
All buttons on the remote control blink for a short time.	Remote control is outside the reception area of the pool.	> Move closer to the pool.	
Despite disinfection water becomes cloudy and can not be set within the recommended boundaries.		> Clean the pool thoroughly as described in the chapter “Water Treatment”: Clean pool.	42
Unpleasant odour.	Water in the overflow has evaporated.	> Pour 0.5 litres of water into the overflow (Blue Moon)/ overflows (Sundeck).	
Messages			
“Water change active” outside of the programmed cycle times.	Sub-freezing temperatures are present under the pool. This prevents freezing of the system.		
“Temp sensor water defect”		> Call Customer Service.	
“Temp sensor Air defect”		> Call Customer Service.	
“Control heater”		> Call Customer Service.	
“Connection defective”		> Call Customer Service.	
“Water temp too high”		⚠ Caution! Under no circumstances should you bathe until the water temperature has fallen again! > Refill with some cold water. > Wait until the system has cooled down. The temperature must be reduced to below 42 °C/108 °F.	

Problem	Potential cause	Solution	see page
“Water level too low”	Not enough water in the bath.	> Refill the water until the water level is about 50 mm above the uppermost jet.	
	Otherwise:	> Call Customer Service.	
“Difference water sensors”		> Call Customer Service.	
“Timeout Filling”	Pool has not reached maximum fill level. Pipe pressure too low, pipe not supplying enough water.	> Check water connection.	
	Otherwise:	> Call Customer Service.	
“Flow rate heating”	Heating deactivated because of insufficient water flow rate.	> Check the suction outlet, inlet jet, coarse filter and fine filter of the hygiene and temperature circuit for objects that may cause clogging.	
	Otherwise:	> Call Customer Service.	
“Connection defective”		> Call Customer Service.	
“Wrong PIN”	You have entered the wrong PIN.	> Enter the correct PIN	
	Forgot PIN?	> Enter PIN 2412.	
“Maintenance O3-generator”	The maximum operating life of the O3 generator has expired.	> Arrange an appointment, at the most two months after the warning is first displayed, with your local Customer Service.	
“Function not present”	Sound and integrated filling are optional modules.		

14. Maintenance

Backflow preventer with dirt filter

With the option “Integrated Filling” a backflow preventer with dirt filter is integrated into the pool.

> Have the dirt filter and backflow preventer checked regularly by a qualified plumber as described in their respective operating instructions.

Residual-current circuit-breaker

> Check the residual-current circuit-breaker regularly as described in its operating instructions.

O3 Generator

The basic disinfection of the pool is performed by an O3 generator, a disinfection unit that generates ozone using an ultra-violet (UV) lamp. The duty life of the UV lamp is limited to 20,000 hours and 1,000 hours before expiry of the duty life a message “Maintenance O3-generator” will be displayed on the operator’s panel.

> Arrange an appointment, at the most 2 months after the warning is first displayed, with our Customer Service, phone.+49 180 5332343.

In normal operation this replacement has to be made every 6-7 years.

15. Technical Data

15.1 Identification Plate

The identification plate is on the back page of the Operators Manual. This product conforms to all the appropriate EU guidelines.

15.2 Whirlpool

Rated voltage	220–240 V - (AC)	
Frequency	71xxx 00 8 xx00	50 Hz,
	71xxx 00 8 xx06	60 Hz
Max. rated power		
• Heater element	3 KW	
• Whirl system	3 KW	
Protection class	I	

Protection type	IP X5 Protection against sprayed water (from any direction)

15.3 Remote Control

Temperature range	0-45 °C/32-113 °F
Protection type	IP X8 Protection against continuous submersion

15.4 Automatic shut-down time

LED light	12 hours after button was last pushed
Bluetooth-mode (for sound)	12 hours after button was last pushed
Whirl system	20 minutes after activation
Whirl Programmes	16 minutes after activation
Water changing	1 minute after activation

15.5 Charging Station

Rated voltage	100-240 V
Frequency	50/60 Hz

15.6 Optional Extras

Liner (Blue Moon)

Material	Decorative teak or acrylic

Pool cover (Blue Moon)

Material	High-quality synthetic leather, white
Max. load	
1400 x 1400 mm:	150 kg, with structural surface loading
1800 x 1800 mm:	150 kg, with structural surface loading

Retainer for pool cover (Blue Moon)

Material	Highly polished stainless steel

Privacy/Relaxing deck (Sundeck)

Material	High-quality synthetic leather, white
Max. load	150 kg, with structural surface loading

Tarpaulin

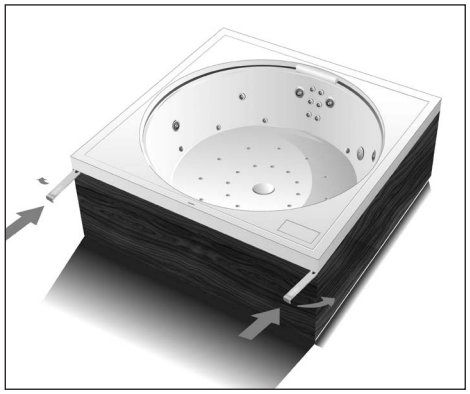
Material	High-strength polyester fabric

Foot Rest (Blue Moon)

Material	Natural Acrylic Stone

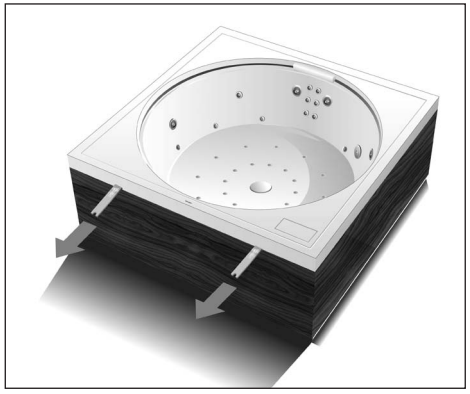
16. Removing the Bath panel

16.1 Blue Moon 1400 x 1400 mm

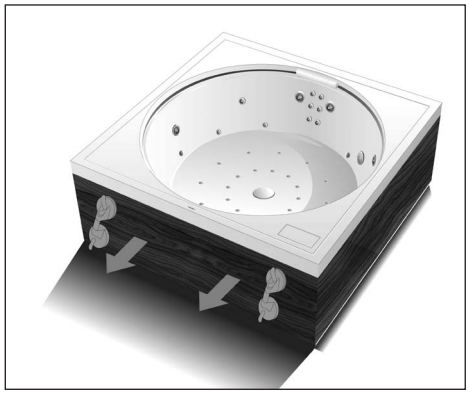


With EasyClick

> Open the EasyClick connection on the inspection side using the key delivered with the system.



> Remove the panel.

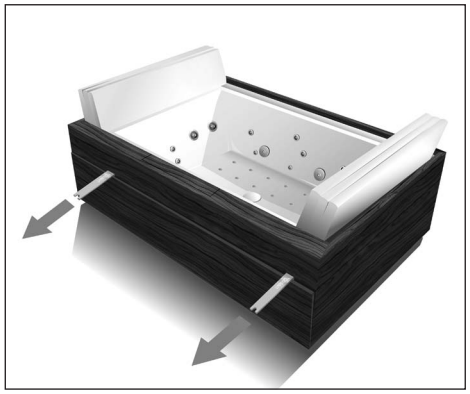


Without EasyClick

> Remove the panel with the help of the Duravit vacuum suction unit. (Article no. 790850 00 0 00 0000).

16.2 Sundeck

> Open the EasyClick connection on the inspection side using the key delivered with the system.



> Remove the panel.

Duravit AG
Werderstr. 36
78132 Hornberg
Germany
Phone +49 7833 70 0
Fax +49 7833 70 289
info@duravit.com
www.duravit.com

Duravit UK Limited
Unit 7, Stratus Park
Brudenell Drive
Brinklow, Milton Keynes
MK10 0DE
Phone +44 845 500 7787
Fax +44 845 550 7786
info@uk.duravit.com
www.duravit.co.uk

Best.-Nr. 53578/2 · We reserve the right to make technical improvements and design modifications to the products illustrated.